RDECOM

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ER/MP UAS MPT
Assessment Process

10 June 2008

The number of military and civilian personnel required and available to operate, maintain, sustain, and provide training for systems, IAW Title 10, U.S. Code, Armed Forces, Ch. 144, Section 2434

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The cognitive and physical capabilities required to be able to train for, operate, maintain, and sustain materiel and information systems

The instruction or education and on-the-job or unit training required to provide personnel and units with their essential job skills, knowledge, values and attitudes

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- Early MPTAs – No categorization of issues as minor, major or critical, and no domain or system color coding. Qualitative with emphasis on programmatic issues only

- Current MPTAs – Issue categorization and color coding for domains and the system overall, culminating in a new MPTA format in 2007

- Future Goal – Use of ARL Human System Integration tools such as IMPRINT to support the MPTA process

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- Cover Memorandum signed by Director, HRED, with system and domain color codes – Red, Amber, Green

- I. Summary

- II. Introduction

- III Identification and Assessment of MPT Issues

- IV. Conclusions and Recommendations

- V. Preparing Activity

- Manpower (Color)

- Personnel (Color)

- Training (Color)

- Each domain includes the Issue(s), with Discussion(s) (BLUF in terms of impacts), and Recommendation(s)

- A Reference Section is included

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- Acquisition Strategy
- Basis of Issue Plan Feeder Data
- Cost Analysis Requirements Description
- Capability Production Document
- HRC Aviation Career Management Field (CMF) 15 Review
- Manpower Estimate
- Materiel Fielding Plan

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- Operational Test Readiness Statement
- Performance Specifications
- System Training Plan
- Supportability Strategy
- Training Aids Devices Simulators and Simulations (TADSS) Distribution Plan
- Target Audience Description
- Test and Evaluation Master Plan & System Evaluation Report

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- References on previous two slides
- Participation in Bi-Weekly MANPRINT Working Group IPT Telecons
- Training status updates from Bi-Weekly Integration IPT
- On-Site observation of IMS (Mar 08)
- Planned: On-Site observation of Limited User Test (LUT) training activities and actual LUT (Mar/Apr 09) (MDR may shift left to Oct 08)

- Manpower: Force structure increases without precise identification of billpayers; Manpower Estimate deficiencies

- Personnel: Target Audience Description (TAD) deficiencies; outdated MOS Structure in documents; impacts on health of MOSs due to increases in authorizations

- Training: Funding and requirements issues for simulators/trainers; inadequate training hours; Soldier dissatisfaction with contractor delivered training; Training Effectiveness Analysis funding limitations

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- MPT Assessment Team is currently supporting approximately 40 programs
- MPTAs completed or ongoing include FCS, Stryker, Stryker PIP, GMLRS Unitary, SICPS, Excalibur, and Joint Programs such as MRAP, JLTV, and JHSV

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- MANPRINT Methods and Analysis Branch conducts MPTAs for all ACAT I and II acquisition systems/selected non-ACAT I and II systems.

- Established in April 08 via merger of two HRED Branches, to strengthen the relationship between quantitative Human Systems Integration methodology development, and application of these methods to MANPRINT analysis.

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